

Applicant : Robertson, et al.
Serial No. : 09/382,242
Filed : August 22, 1999
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Attorney's Docket No.: 09010-010002

AMENDMENT

Please amend the application as follows:

In the claims:

Please replace claims 22-24 and 26 with the amended claims 22-24 and 26 as follows:

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-- 22. (Amended) An oligonucleotide probe fully complementary to an oligonucleotide probe of claims 21, 26, or 27.

23. (Amended) The oligonucleotide probe of claim 22, wherein the probe is 20-50 nucleotides in length

24. (Amended) The oligonucleotide probe of claim 22, wherein the probe is labeled with a detectable label.

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26. (Twice Amended) An oligonucleotide probe comprising a nucleic acid sequence consisting of a sequence which specifically hybridizes under stringent conditions to a nucleic acid comprising SEQ ID NO:23 or a sequence fully complementary thereto to form a detectable target probe duplex. --

Please add claims 27-33.

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-- 27. (NEW) An oligonucleotide probe comprising a nucleic acid sequence consisting of a sequence which specifically hybridizes to a nucleic acid having at least 95% identity to SEQ ID NO:23 or a sequence fully complementary thereto to form a detectable target probe duplex.

28. (NEW) The oligonucleotide probe of claims 26 or 27, wherein the sequence is at least 15 bases.

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29. (NEW) The oligonucleotide probe of claims 26 or 27, wherein the sequence is at least 30 bases.

30. (NEW) The oligonucleotide probe of claims 26 or 27, wherein the sequence is at least 50 bases.

31. (NEW) The oligonucleotide probe of claims 21, 26, or 27, wherein the probe is 20-50 nucleotides in length.

32. (NEW) The oligonucleotide probe of claims 21, 26, or 27, wherein the probe is labeled with a detectable label.

33. (NEW) The oligonucleotide probe of claim 32, wherein the detectable label is an isotopic label or a non-isotopic label, which non-isotopic label is selected from the group consisting of: a fluorescent molecule, a chemiluminescent molecule, an enzyme, a cofactor, an enzyme substrate, and a hapten. --